

Subject: Minutes: DSS-13 Weekly Meeting 8-25-08

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Date: Wed, 27 Aug 2008 16:14:59 -0700

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Minutes: DSS-13 Weekly Meeting on 8-25-08

DSS-13 Antenna Activities: The preparation for the retest of the Ka-band system at DSS-13 position one is completed. Dan Kelly designed, fabricated and installed the new flat plate on the X/Ka dichroic, many thanks to Dan. M. Franco can continue with his Ka-band test.

Full Sky 4th Order Pointing Model: No progress, D. Rochblatt is still at CDSCC and plans to be back on 9/15/08.

DSS-13 Remote Operations: DSS-13 staff has been working with R. Dorcey on DSS-13 surveillance camera issues. Power cables for DSS-28 cameras have been connected and the cameras are functioning now. For the next demo, we plan to do both DSS-13 and DSS-28 at SPC-10. Bill L. and Lyle are working on bringing DSS-13 weather data (especially wind data) to the web screen as requested by K. Massey.

For the work on bringing the IF signals from DSS-13 and 70m R&D cone to ACME at SPC-10, Gary reported last week that the capability for X-band exists. For 22GHz, we need, at SPC-10, cable connection from VLBI Rx to ACME.

Bandwidth and Band-limit of Ka-band System: M. Franco retested the Ka-band remotely with support from DSS-13 staff on 8/21/08 with the new Kelly's plate installed. The data did not come out as expected. Manuel has to do the test again.

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